

CLAIMS

5 *sub a1*
1. A method for controlling transmission resources of a radio access network adapted to transmit data packets in real time traffic and in non-real time traffic, the method comprising the steps of:

10 obtaining (S12; S41) information related to transmission resources required for handling real time traffic; and

15 reserving (S13; S42) transmission resources for handling non-real time traffic based on a knowledge of overall available transmission resources of a radio transceiver device of said radio access network (S11) and the information related to the transmission resources required for handling real time traffic by said radio transceiver.

20 *sub b1*
2. A method according to claim 1, wherein said reserving of transmission resources for handling non-real time traffic resides in

25 determining the difference between the overall available transmission resources of said radio transceiver device of said radio access network and the transmission resources required for handling real time traffic, wherein said difference is the reserved transmission resources for the non-real time traffic.

30 *sub a2*
3. A method according to claims 1 or 2, wherein said step of obtaining and reserving is carried out repeatedly upon occurrence of an update condition (S3).

35 *sub b2*
4. A method according to claim 3, wherein said update condition resides in the lapse of an update period.

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5. A method according to claim 3, wherein said update condition resides in an entering of a RT bearer to the radio network or the leaving of an RT and/or NRT bearer from the network.

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6. A method according to claim 3, wherein said update condition resides in that a predetermined time of a day is reached.

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7. A method according to any of claims 3 to 6, wherein in a very first obtaining step (S12), a predetermined value for the transmission resources required for handling real time traffic is used, and in all subsequent obtaining steps (S41), a detected value of the actually required transmission resources for handling real time traffic is used.

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8. A method according to claim 1, wherein the respectively allocated reserved transmission

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resources are distinguished on the basis of channel elements.

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9. A method according to claim 8, wherein said channel elements are distinguished by pre-selected channel element identifiers.

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10. A method according to claim 9, wherein said channel element identifiers are virtual path identifiers VPI and virtual channel identifiers VCI.

11. A radio access network control device, adapted to carry out the method according to any of the preceding claims 1 to 10.

sub B
sub d4